

# HPAI in Slovakia



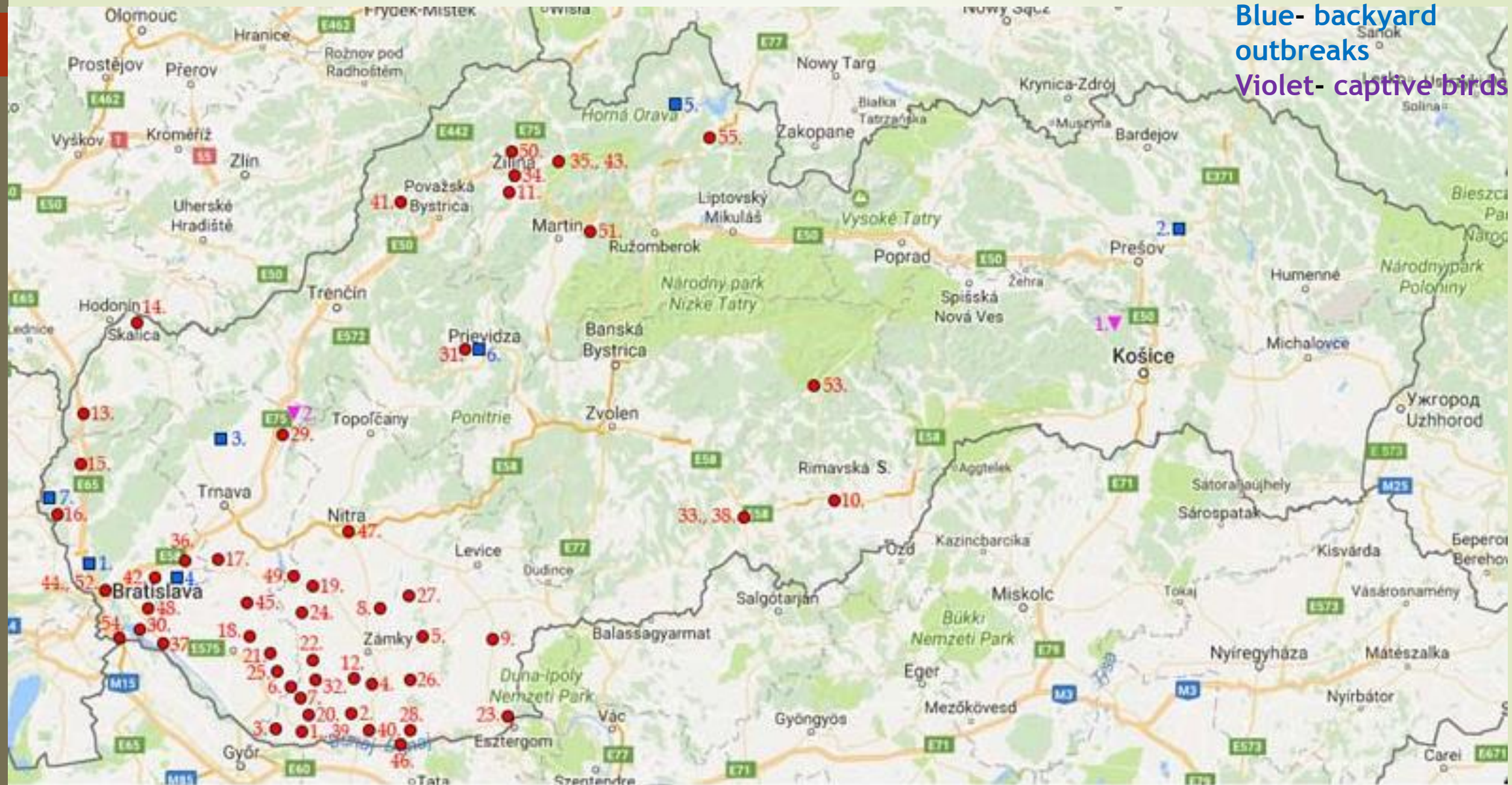
Paff Committee- Animal health/Animal welfare section

March 2017

Presented by: Martin Chudy, DVM. Veterinary Counsellor, RP SK Brussels

# HPAI H5N8 in Slovakia (2016/2017)

Red- WB positive cases  
Blue- backyard outbreaks  
Violet- captive birds





# Summary poultry and other captive birds I.

## Outbreaks 1-4

- 1. **first outbreak - poultry**
  - confirmed on 29.12.2016 - backyard flock (Bratislava district). 65 birds - hens
- 2. **second outbreak - other captive birds -4 Muscovy ducks found with clinical signs**
  - confirmed on 03.01.2017 - ZOO Košice
- 3. **third outbreak - poultry- Gallus Gallus- 25 birds**
  - confirmed on 12.01.2017 - backyard flock (Prešov district)
- 4. **fourth outbreak - poultry- 35 laying hens**
  - confirmed on 13.01.2017 - backyard flock (Trnava district)



## Summary poultry and other captive birds II. Outbreaks 5-9

( confirmed after Paff Committee meeting hold in January  
,2017 )



- 5. fifth outbreak - poultry - 52 birds -hens, ducks
  - confirmed on 27.01.2017 - backyard flock (Dunajská Streda district)
- 6. sixth outbreak - other captive birds -swans
  - confirmed on 27.01.2017 - rescue centre of WA (Piešťany district)
- 7. seventh outbreak - poultry- 44 birds ( hens, roosters)
  - confirmed on 30.01.2017 - backyard flock (Námestovo district)
- 8. eighth outbreak - poultry -33 birds -laying hens, guinea-fowls, goose
  - confirmed on 2.02.2017 - backyard flock (Prievidza district)
- 9. ninth outbreak - poultry - 46 laying hens
  - confirmed on 16.02.2017 - backyard flock (Malacky district)



## 5. outbreak - backyard flock municipality Janíky (Dunajská Streda district)

- Backyard flock with laying hens, ducks and pigeons in Dunajska Streda district
- 15 of 52 birds died (13 of 35 laying hens and 2 of 10 ducks) with clinical signs - apathy, inapetence
- Pathology: catarrhal enteritis
- **Suspicion - 24.01.2017**
- **Confirmation - 27.01.2017 AIV of the subtype H5**
- **Birds were killed on the spot on 27.01.2017 and destroyed by the rendering plant**
- **Restriction zones and measures in accordance with the Directive 2005/94/EC**



## 6. outbreak - captive birds municipality Ratnovce (Piešťany district)

- In rescue center for wild animals in Ratnovce
- 2 mute swans died (first one was brought into the center on 18.01. and second one on 24.01.) and were sent for laboratory testing. Subsequently on 27.1. another 2 mute swans died.
- Suspicion - 24.01.2017
- Confirmation - 27.01.2017 AIV of the subtype H5N8.
- After confirmation the last swan was killed on the spot and destroyed by the rendering plant. Derogation of killing of birds in other permises (4 birds of prey, 1 owl, 2 songbirds)
- Restriction zones and measures in accordance with the Directive 2005/94/EC





## 7. outbreak - backyard flock municipality Breza (Námestovo district)

- Backyard flock with 38 laying hens and 6 roosters in Námestovo district
- 2 of 6 roosters have died and 1 rooster with clinical signs has been killed
- Suspicion - 26.01.2017
- Confirmation - 27.01.2017 AIV of the subtype H5N8
- All other birds were killed on the spot on 28.01.2017 and destroyed by the rendering plant



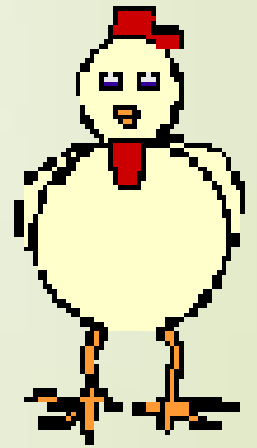
## 8. outbreak - backyard flock municipality Bojnice (Prievidza district)

- Backyard flock with 30 laying hens, 2 guinea-fowls and 1 goose in Prievidza district
- 2 laying hens, 1 guinea-fowl and 1 goose have died on 30.01. Subsequently 10 other laying hens have died
- Suspicion - 30.01.2017
- Confirmation - 02.02.2017 AIV of the subtype H5N8
- All other birds were killed on the spot on 03.02.2017 and destroyed by the rendering plant

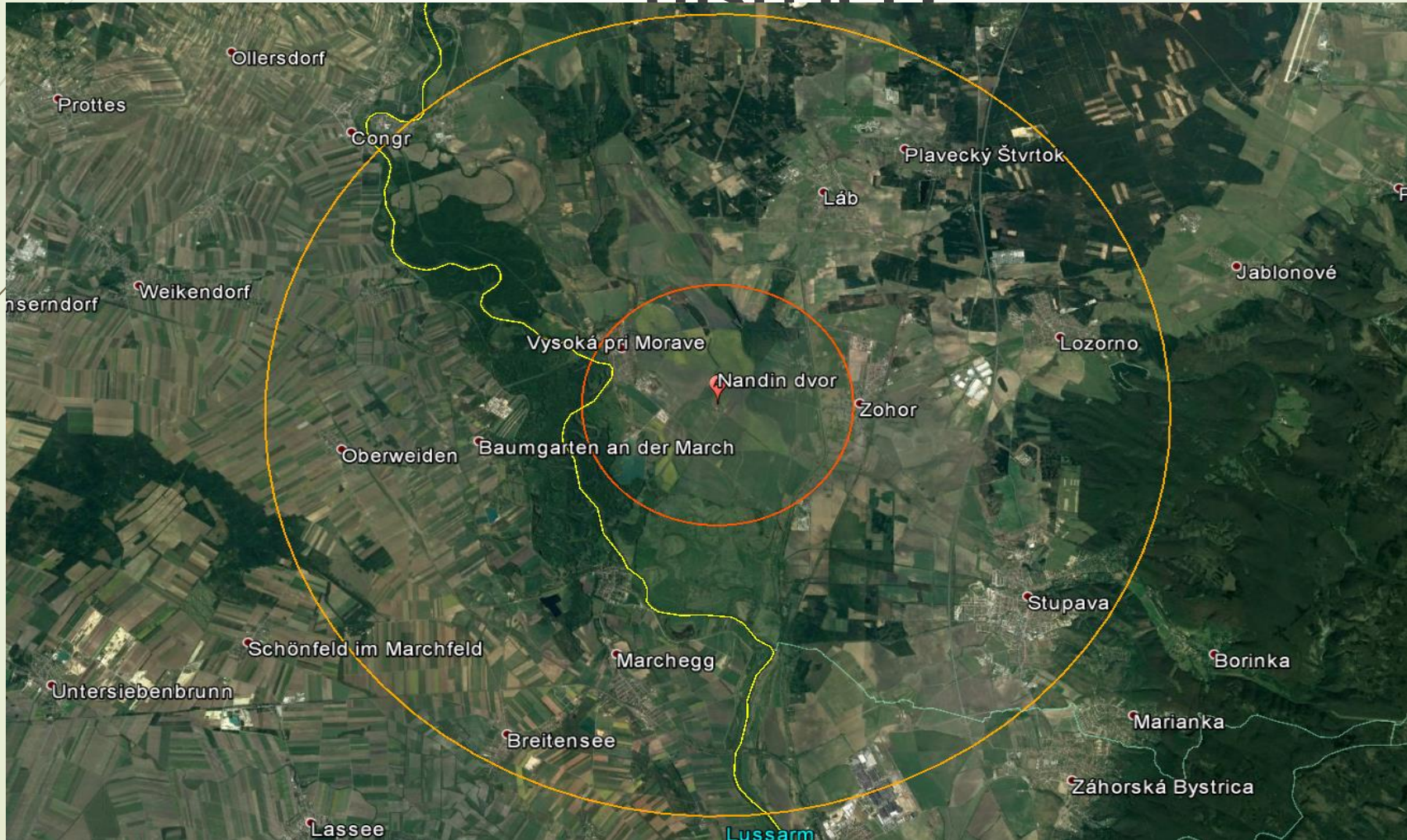


## 9. outbreak - backyard flock municipality Vysoká pri Morave (Malacky district)

- Backyard flock with 46 laying hens in Malacky district
- 4 laying hens have died on 13.02. Subsequently 24 other laying hens have died
- Suspicion - 13.02.2017
- Confirmation - 16.02.2017 AIV of the subtype H5N8
- All other birds were killed on the spot on 17.02.2017 and destroyed by the rendering plant



# 9. outbreak - backyard flock municipality Vysoká pri Morave (Malacky district)



# Wild birds cases in Slovakia I.



District	Subtype	Cases	Confirmation	Species
Komárno	HPAI H5N8	15	5.1.- 13.2.2017	Mute swans ( <i>Cygnus olor</i> )
			3.2.2017	Wild goose ( <i>Anser anser</i> )
Nové Zámky	HPAI H5N8	4	16.1.2017	Whistling swan ( <i>Cygnus cygnus</i> )
			18.1.2017	Mute swan ( <i>Cygnus olor</i> )
			27.1.2017	Mute swan ( <i>Cygnus olor</i> )
			27.1.2017	Wild goose ( <i>Anser anser</i> )
Levice	HPAI H5N8	1	18.1.2017	Grey heron ( <i>Ardea cinerea</i> )
Rimavská Sobota	HPAI H5N8	2	18.1.2017	Mallards ( <i>Anas platyrhynchos</i> )
			16.2.2017	



# Wild birds cases in Slovakia II.



District	Subtype	Cases	Confirmation	Species
Žilina	HPAI H5N8	5	18.1.2017	Black bird ( <i>Turdus merula</i> )
			1.2.2017	Mallard ( <i>Anas platyrhynchos</i> )
			1.2.-10.2.2017	Mute swans ( <i>Cygnus olor</i> )
			13.2.2017	Grey heron ( <i>Ardea cinerea</i> )
Senica Malacky	HPAI H5N8	2	19.1.2017	Mute swans ( <i>Cygnus olor</i> )
	HPAI H5N8	2	19.1.- 20.1.2017	Mute swans ( <i>Cygnus olor</i> )
		1	22.2.2017	Wild goose ( <i>Anser anser</i> )
Levice	HPAI H5N8	1	18.1.2017	Grey heron ( <i>Ardea cinerea</i> )
Galanta	HPAI H5N8	2	20.1.2017	Mute swans ( <i>Cygnus olor</i> )
			13.2.2017	





## Wild birds cases in Slovakia III.



District	Subtype	Cases	Confirmation	Species
Dunajská Streda	HPAI H5N8	4	20.1.2017	
			24.1.2017	Mute swans ( <i>Cygnus olor</i> )
			27.1.2017	
			2.2.2017	Mallard ( <i>Anas platyrhynchos</i> )
Šaľa Piešťany	HPAI H5N8	3	20.1.-	Mute swans ( <i>Cygnus olor</i> )
	HPAI H5N8	1	13.2.2017	
			30.1.2017	Mute swans ( <i>Cygnus olor</i> )
Senec	HPAI H5N8	4	30.1.2017	Wild goose ( <i>Anser anser</i> )
			2.2.-13.2.2017	Mute swans ( <i>Cygnus olor</i> )
			9.2.2017	Mallard ( <i>Anas platyrhynchos</i> )





# Wild birds cases in Slovakia IV.



District	Subtype	Cases	Confirmation	Species
Prievidza	HPAI H5N8	1	30.1.2017	Mallard ( <i>Anas platyrhynchos</i> )
Lučenec	HPAI H5N8	2	1.2.-3.2.2017	Mute swans ( <i>Cygnus olor</i> )
Púchov	HPAI H5N8	1		9.2.2017
Bratislava	HPAI H5N8	1	13.2.2017	Mute swan ( <i>Cygnus olor</i> )
		1	16.2.2017	Pink-footed goose ( <i>Anser brachyrhynchus</i> )
		1	16.2.2017	Wild goose ( <i>Anser anser</i> )
		1		
Nitra	<i>HPAI H5N8</i>	1	13.2.2017	Mute swan ( <i>Cygnus olor</i> )
Martin	<i>HPAI H5N8</i>	1	16.2.2017	Grey heron ( <i>Ardea cinerea</i> )
Dolný Kubín	HPAI H5N8	1	16.2.2017	Mute swan ( <i>Cygnus olor</i> )
Total Slovakia		<b>56</b>	5.1.-22.2.2017	7 species of wild birds



Died laying hens  
( the picture from 1-st positive outbreak )





# Wild bird - 1st positive case in Slovakia





# Positive swan found dead





# Wild birds - positive cases





## Summary - HPAI situation in Slovakia ( 2.3.2017)



- 9 outbreaks confirmed only in backyard flocks or by captive birds ( January-February 2017) ;Nr. of poultry/birds- destroyed /died: 308
- No outbreaks confirmed in commercial poultry holdings
- Restriction zones and measures adopted in accordance with the Directive 2005/94/EC
- By outbreaks - Extraordinary veterinary measures ordered by Regional Veterinary Officer, incl. ban of exhibitions, competitions etc..
- In general - the recommendation has been given to the breeders which includes also to keep the poultry inside the buildings, to avoid their contact with wild birds as well as to apply very strict biosecurity measures
- Measures in case of first 4 outbreaks of HPAI in poultry and other captive birds have already been resolved
- 56 positive results confirmed by WB
- For the time being - no further suspicions/confirmation reported





**Thank you for your  
attention!**

